



ABSTRACT OF THE DISCLOSURE

A linear motion mechanism comprises a supersonic motor having a rotor which is rotationally driven by vibration of a vibrating body having a piezoelectric element. A first transmission member is connected to the rotor for rotation therewith. A second transmission member has a first end portion contacting the first transmission member and a second end portion. The second transmission member is mounted for undergoing pivotal movement about a pivoting point disposed between the first and second end portions during rotation of the first transmission member. A moving body contacts the second end portion of the second transmission member to undergo linear movement in a direction crosswise to a longitudinal axis of the rotor in accordance with rotation of the first transmission member and pivotal movement of the second transmission member. A pressurizing mechanism presses the moving body into pressure contact with the second end portion of the second transmission member.